

# Global Rare Earth Refining Agent for Special Steel Market 2025 by Manufacturers, Regions, Type and Application, Forecast to 2031

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## Abstracts

According to our (Global Info Research) latest study, the global Rare Earth Refining Agent for Special Steel market size was valued at US\$ 430 million in 2024 and is forecast to a readjusted size of USD 780 million by 2031 with a CAGR of 9.0% during review period.

In this report, we will assess the current U.S. tariff framework alongside international policy adaptations, analyzing their effects on competitive market structures, regional economic dynamics, and supply chain resilience.

Special rare earth refining agent for special steel is a functional additive used in the smelting process of special steel. By introducing rare earth elements (such as cerium, lanthanum, yttrium, etc.) into the molten steel, it can effectively remove impurities, refine grains, and suppress harmful inclusions. The formation of substances, thereby significantly improving the purity, toughness and corrosion resistance of steel. This type of rare earth refining agent plays an important role in improving the mechanical properties of special steel and extending its service life. It is widely used in aerospace, automobile manufacturing, high-end equipment and other fields, and plays a key role in meeting the demand for high-performance steel.

As a key material for improving the quality of special steel, rare earth refining agents for special steel give full play to the unique role of rare earth elements in purifying, refining and strengthening steel. Compared with traditional refining agents, rare earth refining agents can effectively remove harmful impurities such as oxygen and sulfur in molten steel, refine grain structure, improve the toughness and corrosion resistance of steel, and meet the strict requirements of high-end manufacturing for steel quality. In the

current context of growing demand for high-performance materials, rare earth refining agents for special steel have broad market prospects and important strategic value, which will help promote technological progress and green development in the steel industry.

This report is a detailed and comprehensive analysis for global Rare Earth Refining Agent for Special Steel market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

### **Key Features:**

Global Rare Earth Refining Agent for Special Steel market size and forecasts, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/Ton), 2020-2031

Global Rare Earth Refining Agent for Special Steel market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/Ton), 2020-2031

Global Rare Earth Refining Agent for Special Steel market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/Ton), 2020-2031

Global Rare Earth Refining Agent for Special Steel market shares of main players, shipments in revenue (\$ Million), sales quantity (Tons), and ASP (US\$/Ton), 2020-2025

### **The Primary Objectives in This Report Are:**

- To determine the size of the total market opportunity of global and key countries
- To assess the growth potential for Rare Earth Refining Agent for Special Steel
- To forecast future growth in each product and end-use market
- To assess competitive factors affecting the marketplace

This report profiles key players in the global Rare Earth Refining Agent for Special Steel market based on the following parameters - company overview, sales quantity, revenue,

price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Sinosteel, Shenghe Resources Holding, China Northern Rare Earth (Group) High-tech, China Minmetals Rare Earth, Baotou Iron & Steel (Group), Neo Performance Materials, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

## **Market Segmentation**

Rare Earth Refining Agent for Special Steel market is split by Type and by Application. For the period 2020-2031, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

### **Market segment by Type**

Rare Earth Alloy Refining Agent

Rare Earth Composite Refining Agent

### **Market segment by Application**

Iron and Steel Smelting Industry

Aerospace Industry

Automobile Manufacturing Industry

Nuclear Industry

Others

### **Major players covered**

Sinosteel

Shenghe Resources Holding

China Northern Rare Earth (Group) High-tech

China Minmetals Rare Earth

Baotou Iron & Steel (Group)

Neo Performance Materials

Market segment by region, regional analysis covers

North America (United States, Canada, and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

**The content of the study subjects, includes a total of 15 chapters:**

Chapter 1, to describe Rare Earth Refining Agent for Special Steel product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Rare Earth Refining Agent for Special Steel, with price, sales quantity, revenue, and global market share of Rare Earth Refining Agent for Special Steel from 2020 to 2025.

Chapter 3, the Rare Earth Refining Agent for Special Steel competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Rare Earth Refining Agent for Special Steel breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2020 to 2031.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2020 to 2031.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value, and market share for key countries in the world, from 2020 to 2025. and Rare Earth Refining Agent for Special Steel market forecast, by regions, by Type, and by Application, with sales and revenue, from 2026 to 2031.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces

analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Rare Earth Refining Agent for Special Steel.

Chapter 14 and 15, to describe Rare Earth Refining Agent for Special Steel sales channel, distributors, customers, research findings and conclusion.

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